MODIS L1 Integration

Thursday, 8 July 1999, 3PM
Room 33-E125

Contents

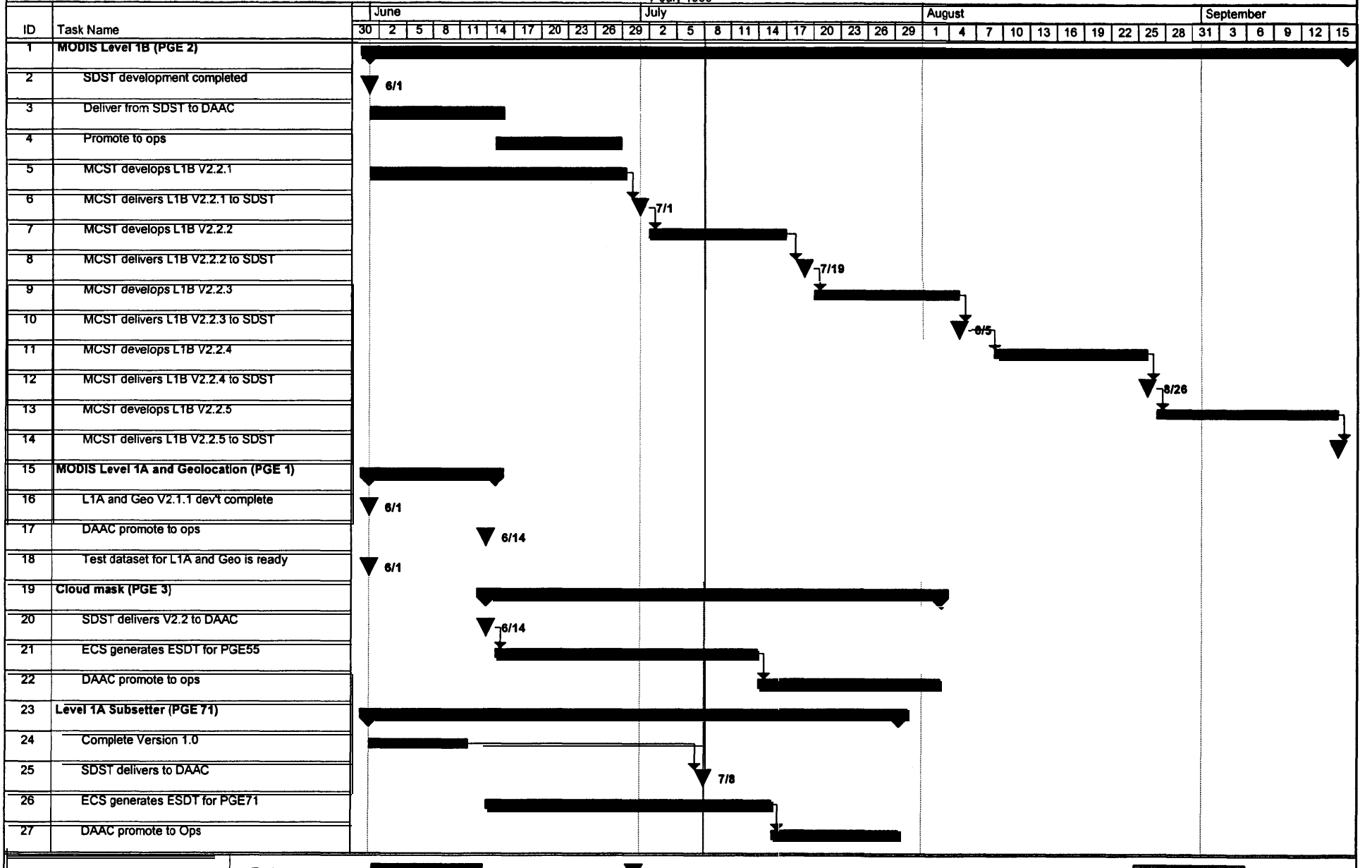
- Summary Status
- Master Schedule
- Top Ten Issues

MODIS L1 Integration: Summary Status

8 July 1999

- LIB (PGE2)
  - Version 2.1.5 in DAAC, delivering lookup table to upgrade to 2.1.6
  - Launch version is 2.2.0
- L1A and Geolocation (PGE1)
  - Promoted to DAAC ops
- Cloud Mask (PGE3)
  - Launch version in DAAC, waiting for ESDT from ECS
- L1A Subsetter (PGE71)
  - Completed, delivering to DAAC, waiting for ESDT from ECS
- LIB Subsetter (PGE 2A)
  - Launch version in DAAC, promoting to ops
- Testing
  - Will use L1B version 2.1.6
  - MOSS-2 slipped to late July or August
- QA
  - no update

MODIS L1 Integration
MASTER SCHEDULE
7 July 1999

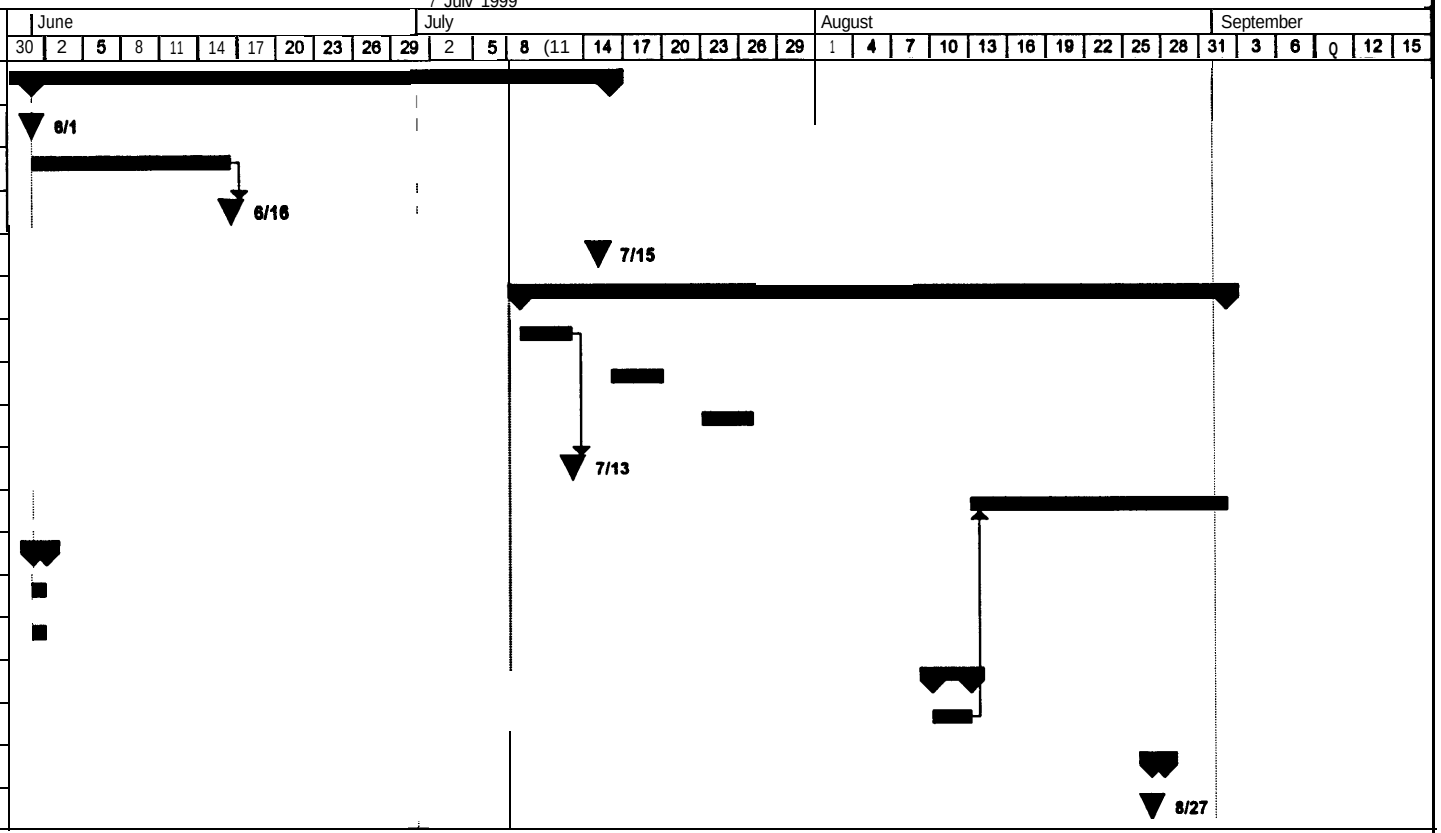


Project: MODIS L1 Integration
Date: Thu 7/8/99

Task | Milestone | Rolled Up Split | External Tasks
Split | Summary | Rolled Up Milestone | Project Summary
Progress | Rolled Up Task | Rolled Up Progress

MODIS LI Integration
MASTER SCHEDULE
7 July 1999

ID	Task Name
28	**Level 1B Subsetter (PGE 2A)**
29	Version 1 .O complete
30	Deveiop **V2.0**
31	Deliver **V2.0** to DAAC (Internally)
32	Promote V2.3 to ops
33	***DAAC*** *Testing*
34	**4-day** test **dataset** available
35	8day test **dataset** available
36	1 **2-day** test **dataset** available
37	Begin **Y-day** test
38	Joint **MODAPS/GDAAC** operational **performanc**
39	***QA*** Data
40	***QA*** Data *processing*
41	***QA*** Data ingest into DAAC
42	*MOSS 2*
43	MOSS 2 takes place
44	Terra Launch
45	Terra launches from VAFB



Project: MODIS LI Integration
Date: Thu **7/8/99**

Task — Milestone — Rolled Up Split — **External Tasks**
Split — Summary — Rolled Up Milestone — Project summary
Progress — Rolled Up **Task** — Rolled Up Progress

MODIS Level 1 Integration Issues

8 July 1999

Item	Responsible Person	Due Date	Comments
1. When to begin a workaround for Level 1 data production in the event that the ECS does not make substantial progress in production of Level 1 products	Ed Masuoka		Write a memorandum discussing the problems with ECS data production
2. Find out what the schedule is for resolution of the following ECS problems at the GDAAC: • Production plan fails when fractured data is received from EDOS. • Subscription Delivery Notice: User string not being filled in impacts cal/val of sensor. • Unable to delete Data Processing Requests (DPRs) • Autosys job boxes not completing.	F Bordi		It appears that problems are logged when they are found, but no schedule is available for their resolution
3. ECS needs to generate an ESDT for the L1 A subsetter. Bob Plante is the responsible person. It was not clear from the meeting that a firm commitment exists.	M Moore		(MM) ESDIS is developing the necessary direction for ECS to add L1A subsetting to the ECS requirements. This will be complete by 6/11. ECS will then implement the needed changes. Based on discussions with the DAAC, it appears that only the ESDT requirements should be updated, not the MODIS MFLOPS requirements. This does raise a possible risk that at some point the DAAC will have inadequate processing resources to support the L1A subsets.
4. Decide which is the launch PGE: L1B 2.1.6 or 2.2.0	B Murphy	1 Jul 99	BM will write memorandum articulating the difference between 2.1.6 and 2.2.0 and recommending which one is the launch version EM–SDST is comparing output products from L1 B version 2.1.5 with L1B 2.2 output files. 130th versions were run using L1A product made with the most current version of our synthetic data (Version 2.1.5). If the new L1B (V2.2) does not break the downstream processing (1.2 and higher products) then we will want to put it in as the at-launch version of this PGE. This analysis should be completed by early next week.

5. Level 1 product data volumes are 94GB above the 2/96 baseline. The volume increases are as follows: 8GB in L 1 A, 1 GB in geolocation fields and 85GB in L1B. Are we in agreement that this will be handled by storing L1B for less than 6 months or is there another approach we should be pursuing?	Ed Masuoka and Bob Murphy		EM will send e-mail to the discipline leads discussing the problem. BM will convene a meeting of the discipline leads to make a recommendation
6. Prioritization of PGEs. We discussed this and the current consensus (of the people in the room) is PGE 1 (2.1.1) PGE 2 (2.1.6) PGE 3 (2.2) PGE 71 PGE 2A PGE 2A			
7. External data (GDAS)			(MM) ESDIS has approved a CCR to support re-implementation of the ECS GDAS interface (NOAA changed the GRIB format without informing ESDIS of the change). ECS is in the process of re-implementing the interface, but the current development schedule does not have the changes completing until mid-July. We are looking for other resources to bring this date in but haven't found them yet.
8. CM at the DAAC for MCST rapid deliveries	B Vollmer and B Guenther	8 Jun 99	If processing through SDST remains fast (4 hours) MCST direct delivery to DAAC becomes unnecessary
9. DAAC support for PGE55			(MM) We may need to update the DAAC processing requirements to support PGE55, since it is my understanding that this PGE will be executed in the DAAC to provide input to PGE03 sometime in the near post-launch timeframe. Although it is my understanding that the PGE does not have significant processing requirements, adding the requirements may help mitigate the risk identified under Item 7.
10. Establish policy and process to release L1 software to the public	B Murphy		